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(71) Applicant *(for all designated States except US)*: **ADVANCED PHYTONICS LIMITED** [GB/GB]; Olway Works, Healey Road, Ossett WF5 8LT (GB).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **BELLAMY, Simon, Andrew** [GB/GB]; Rohm & Haas, Lennig House, 2 Masons Avenue, Croydon CR9 3NB (GB). **HUGHES, Lyn** [GB/GB]; Rohm & Haas, Lennig House, 2 Masons Avenue, Croydon, Surrey CR9 3NB (GB). **NICOLA, Mazin** [GB/GB]; 6 St Michael's Road, Worthing, West Sussex BN11 4SD (GB).

(74) Agents: **NEILL, Alastair, William** et al.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

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(54) Title: PURIFICATION OF IMPURE MATERIALS USING NON-AQUEOUS SOLVENTS

(57) Abstract: An improved process for improving the purity of an impure material, for example for producing low color nicotine is disclosed. The process involves passing a solution of less pure material, for example nicotine, in a non-aqueous solvent, such as a fluorinated hydrocarbon, for example tetrafluoroethane, through an ion exchange resin or absorbent such that the impurity is retained on the resin, and purer material passes through. The process eliminates the need for distillation to prepare a purer material, for example to separate nicotine from colour causing compounds. Said process is non-flammable, non-ozone depleting, and has low toxicity.